

U.S. Patent Application Serial No. 09/464,449
Amendment dated October 21, 2003
Reply to OA of July 23, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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Claim 1 (Original): An image formation apparatus comprising:

- an image storage means for storing image information;
- a read-out means for assigning an image information read-out position of the image storage means to read out the image information:
- an image transfer unit for transferring an image onto a paper in accordance with the image information read out by the read-out means from the image storage means; and
- an accuracy information storage means for storing position accuracy information in a scanning direction of the image transfer unit,

wherein the read-out means has a means for reading out the position accuracy information from the accuracy information storage means and correcting the image information read-out position by the position accuracy information.

Claim 2 (Original): An image formation apparatus according to claim 1, wherein the position accuracy information stored in the accuracy information storage means is curvature correction information obtained from the position curvature information in the scanning direction of the image transfer unit.

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Claim 3 (Original): An image formation apparatus according to claim 1, wherein the position accuracy information stored in the accuracy information storage means is dot-pitch correction information obtained from the dot position information in a main scanning direction of the image transfer unit.

Claim 4 (Original): An image formation apparatus according to claim 1, wherein the position accuracy information is stored in the accuracy information storage means per image transfer unit.

Claim 5 (Original): An image formation apparatus according to claim 1, wherein correction of the image information read-out position by the read-out means is conducted per image transfer unit.

Claim 6 (Original): An image formation apparatus according to claim 1, wherein the accuracy information storage means for storing therein the position accuracy information is installed in the image transfer unit.

Claim 7 (Original): An image formation apparatus according to claim 1, wherein the position accuracy information stored in the accuracy information storage means is a combination of curvature correction information and/or dot-pitch correction information and oblique correction

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information of the image transfer unit.

Claim 8 (Original): An image formation apparatus according to claim 7, wherein the position accuracy information is stored in the accuracy information storage means per image transfer unit.

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Claim 9 (Original): An image formation apparatus according to claim 7, wherein correction of the image information read-out position by the read-out means is conducted per image transfer unit through an operation based upon the curvature correction information and/or the dot-pitch correction information and the oblique correction information.

Claim 10(Original): An image formation apparatus according to claim 7, wherein means for storing the curvature correction information and/or the dot-pitch correction information in the accuracy information storage means is installed in the image transfer unit.

Claim 11 (Original): An image formation apparatus to claim 10, wherein at least one of the curvature correction information and the dot-pitch correction information is transmitted by a transmission line used for reading out the image information from the image storage means, and is read out by the read-out means.

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Claim 12 (Original): An image formation apparatus according to claim 10, wherein at least one of the curvature correction information and the dot-pitch correction information is transmitted by a transmission line used for reading out the image information from the image storage means, and is stored in the accuracy information storage means.

Claim 13 (Original): An image exposure apparatus, wherein position accuracy information is stored in an internal accuracy information storage means.

Q. **Claim 14 (Original):** An image exposure apparatus according to claim 13, wherein the position accuracy information stored in the accuracy information storage means is curvature correction information obtained from position curvature information in a scanning direction of a main body of the image exposure apparatus.

Claim 15 (Original): An image exposure apparatus according to claim 13, wherein the position accuracy information stored in the accuracy information storage means is dot-pitch correction information obtained from dot position information in a main scanning direction of a main body of the image exposure apparatus.